

FIG. 1A Proliferation of mouse cells 32D-cl23 is stimulated only by rmIL-3, but not by rhG-CSF, as measured by a MTT assay

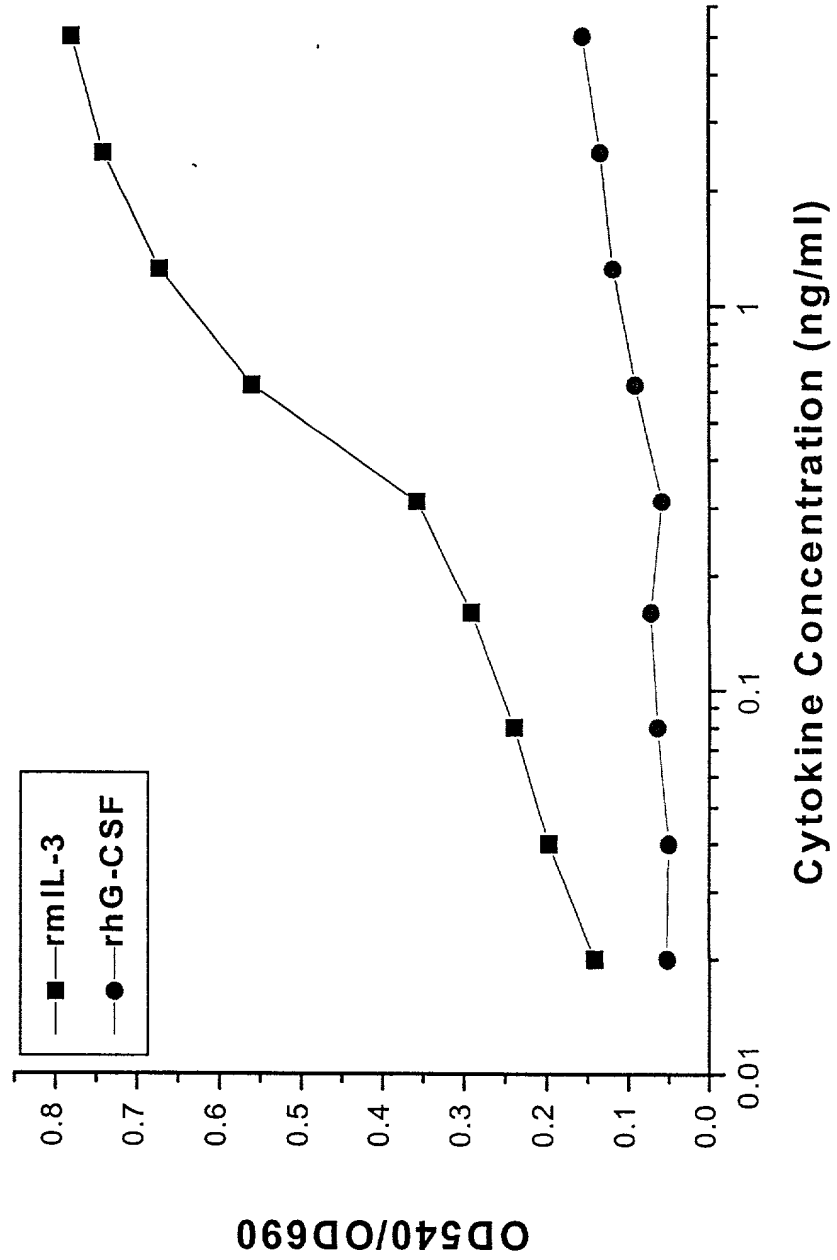


FIG. 1B Proliferation of human G-CSF receptor transfected mouse cells D4 is stimulated by rmIL-3 and rhG-CSF as measured by a MTT assay

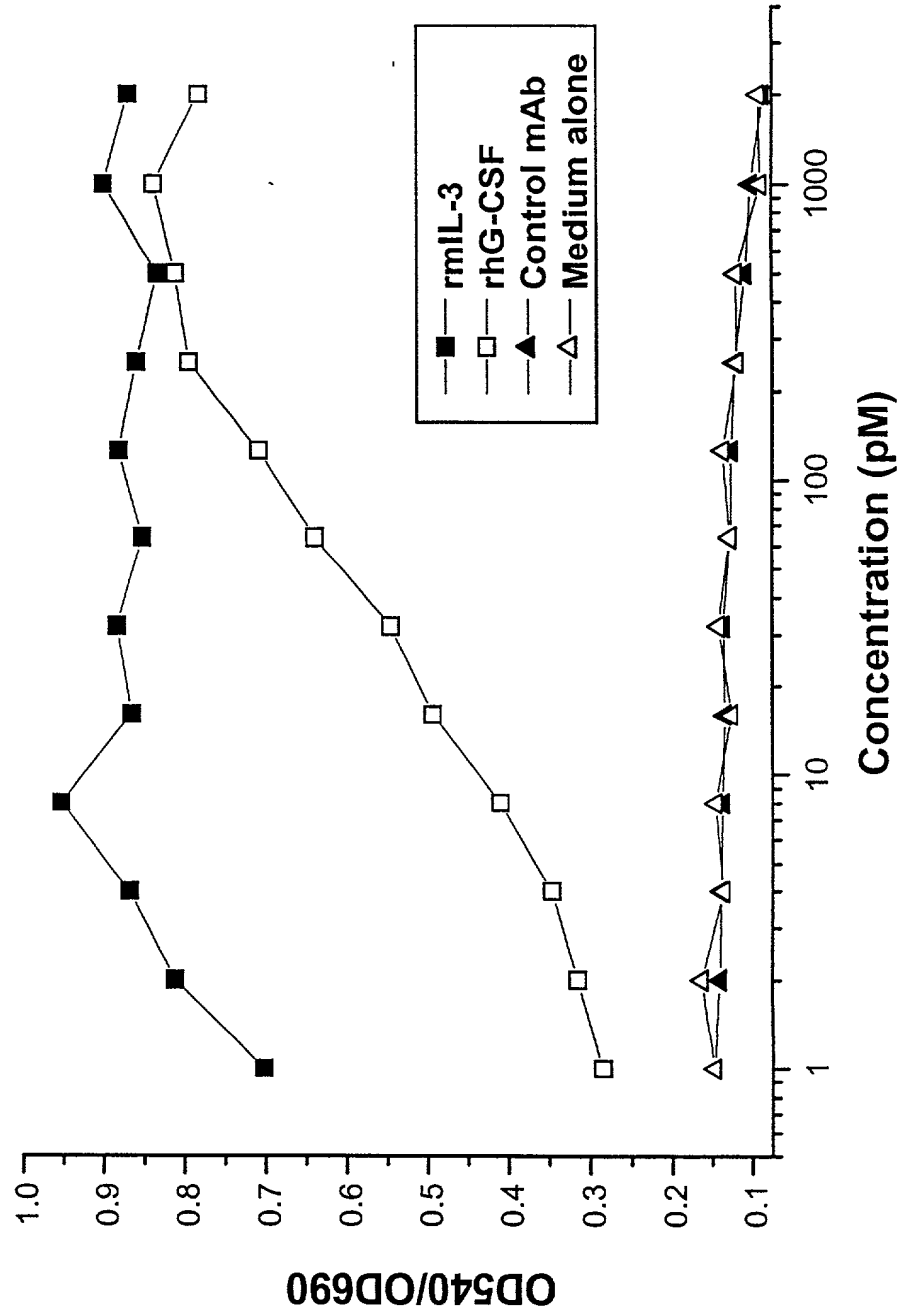
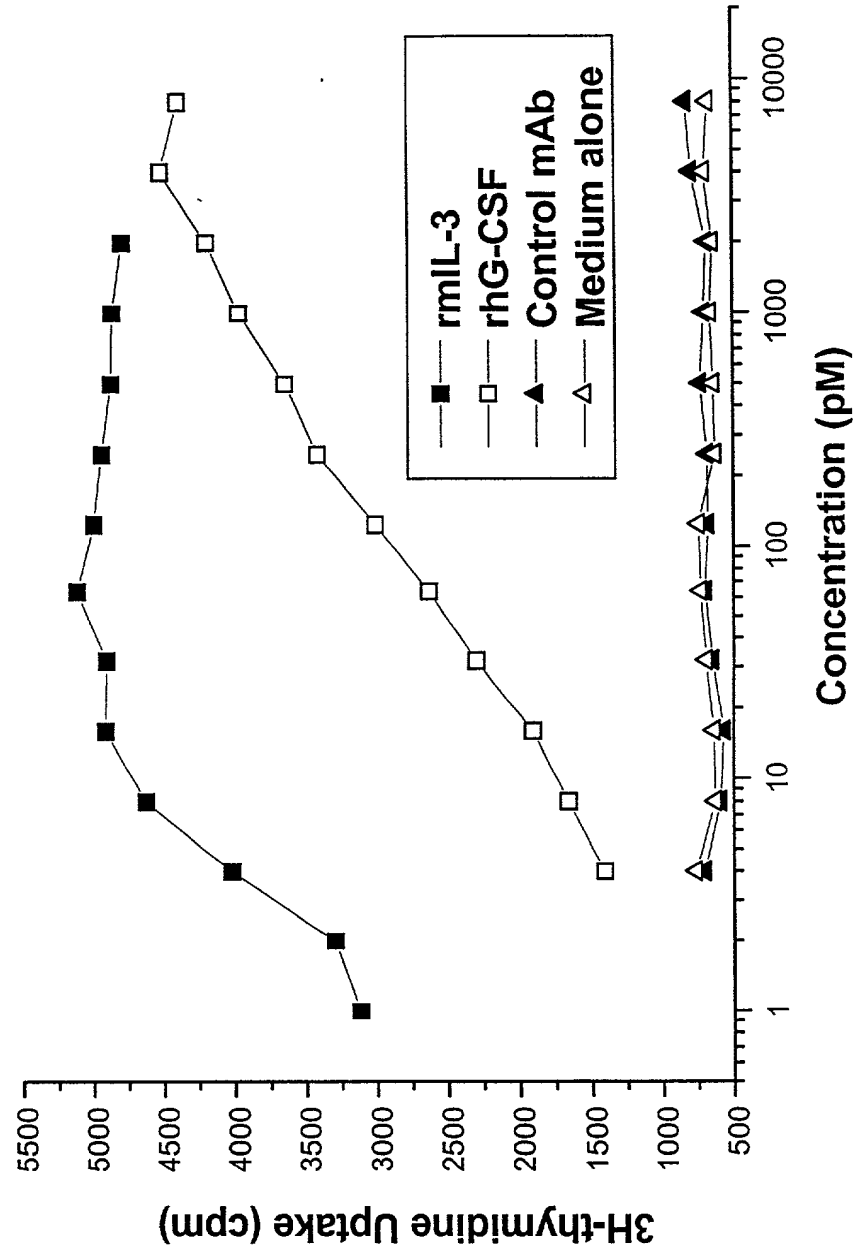


FIG. 1C Proliferation of the human G-CSF receptor transfected mouse cells D4 is stimulated by rmIL-3 and rhG-CSF as measured by ³H-thymidine incorporation assay



**FIG. 2 Tyrosine phosphorylation of JAK2 kinase
in human G-CSF receptor transfected mouse cells D4 is induced by rhG-CSF**

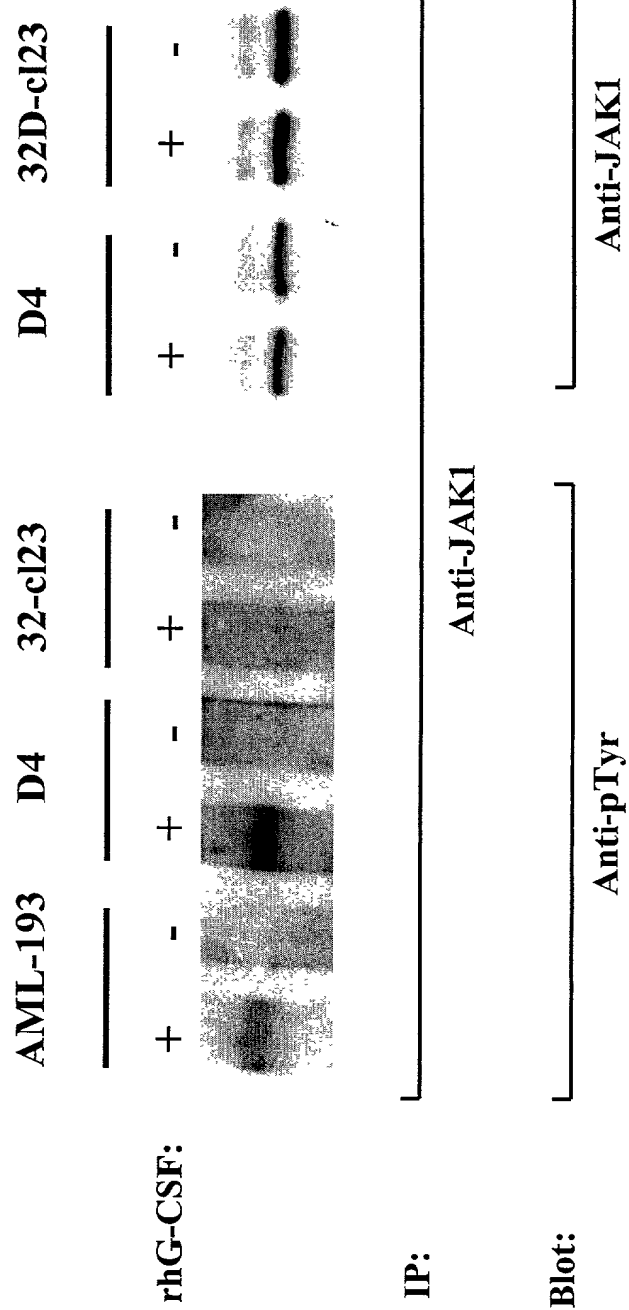


FIG. 3 mAb163-93 specifically binds to human G-CSF receptor/IgG4(Fc) fusion protein as measured by ELISA

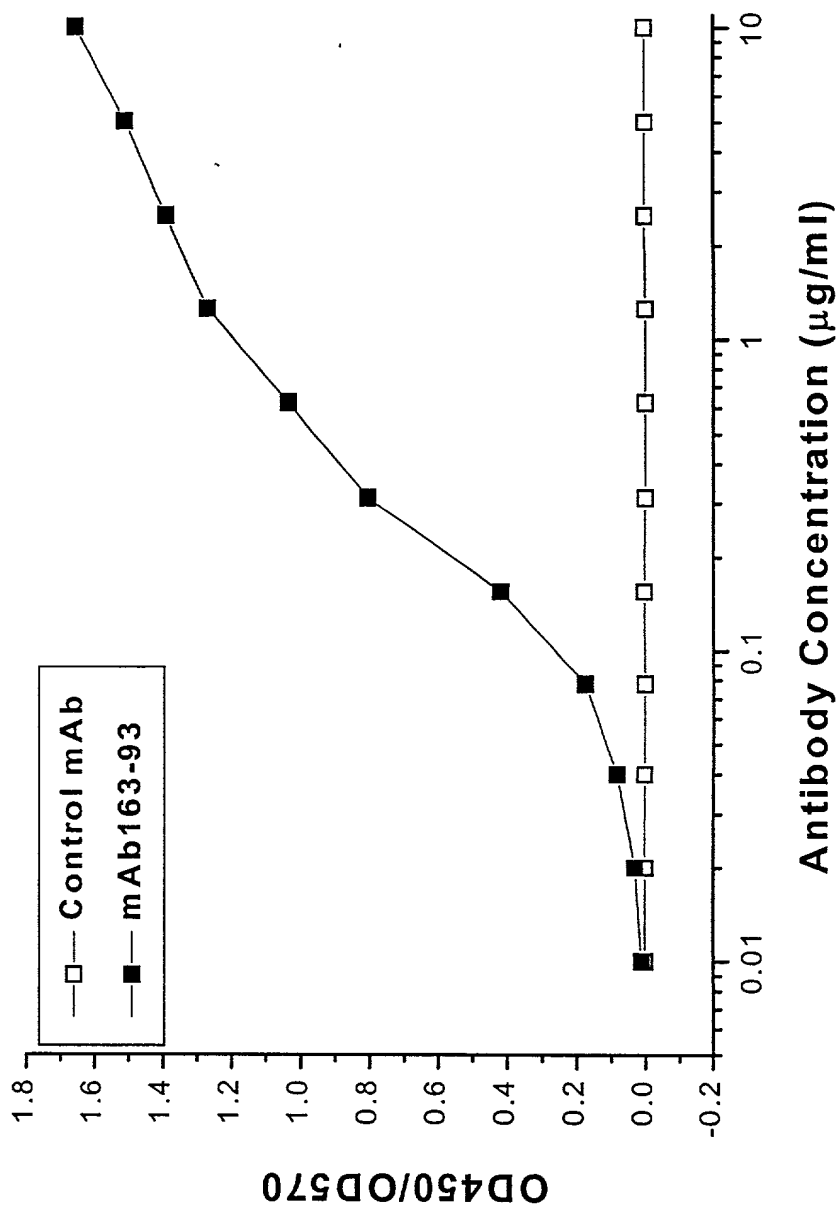


FIG. 4A mAb163-93, but not the control mAb, binds to the human G-CSF receptor transfected mouse cells D4 as measured by FACS analysis

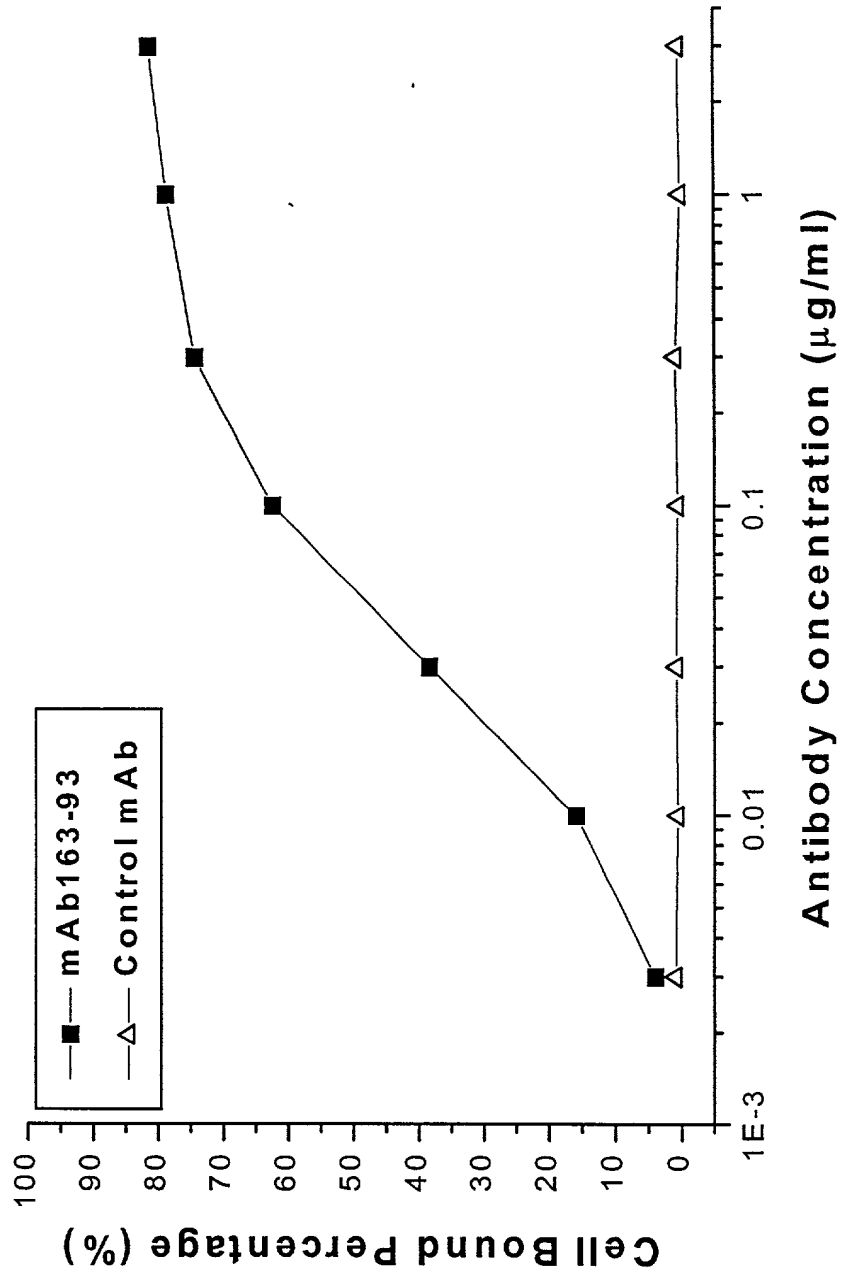


FIG. 4B mAb163-93 binds to human G-CSF receptor transfected mouse cells D4, but not to its parental cells 32D-cl23 as measured by FACS analysis

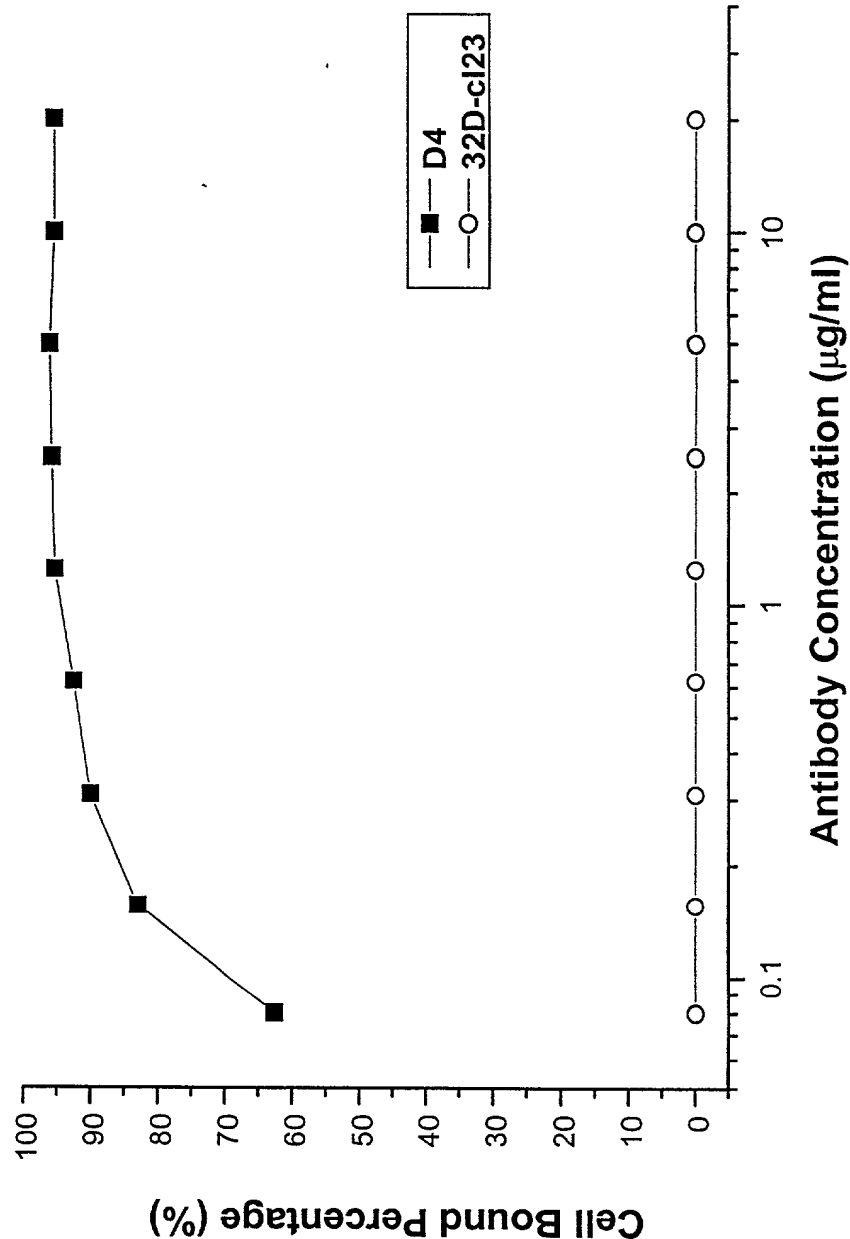


FIG. 5A Proliferation of the human G-CSF receptor transfected mouse cells D4
is stimulated by various monoclonal antibodies

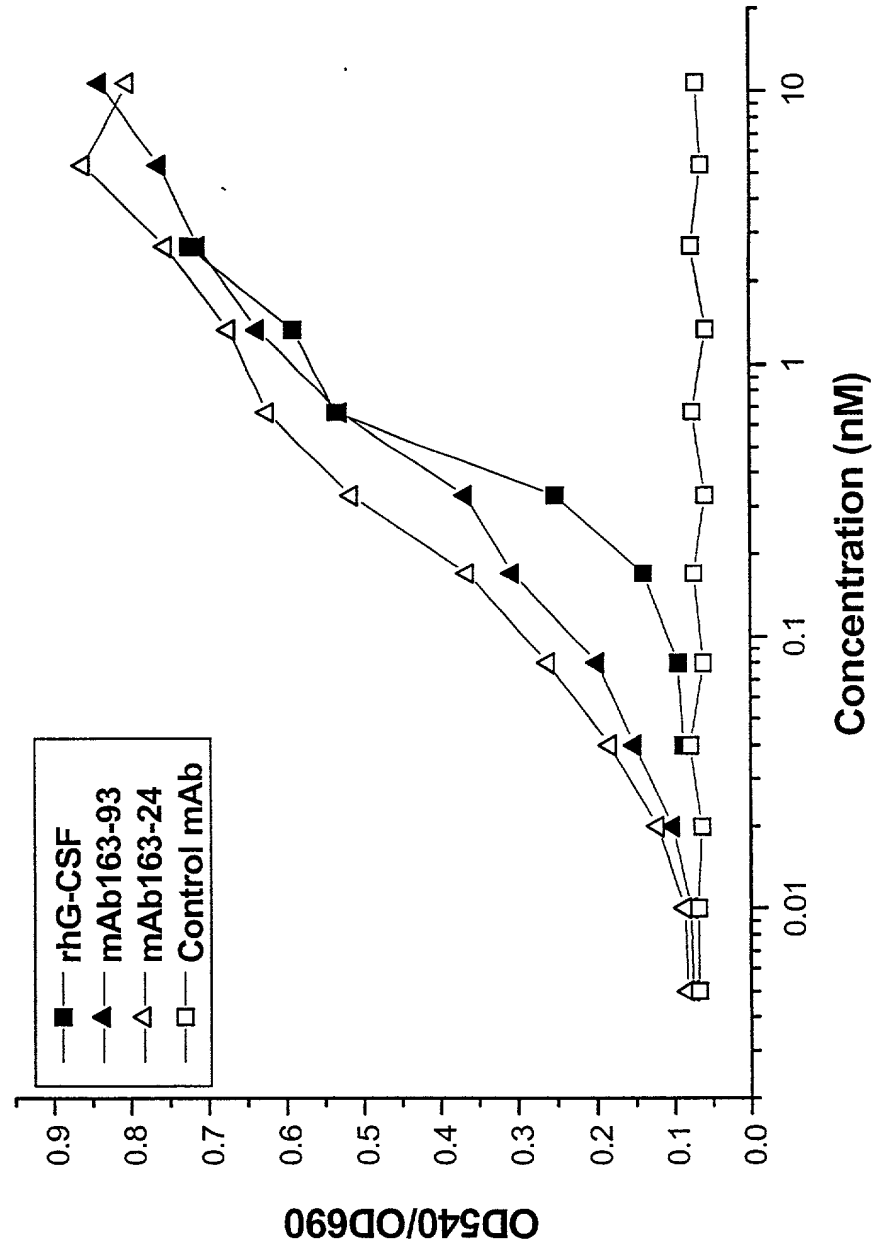


FIG. 5B Proliferation of the human G-CSF receptor transfected mouse cells D4 is stimulated by various monoclonal agonist antibodies

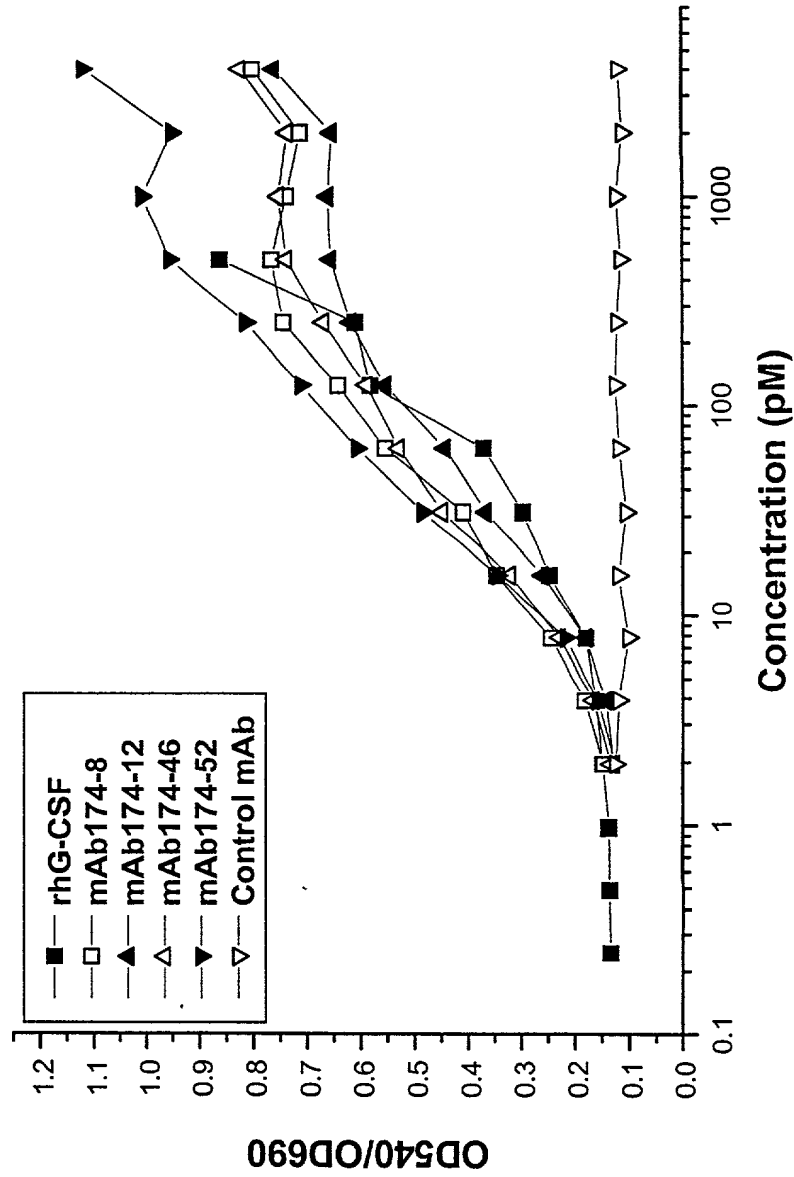
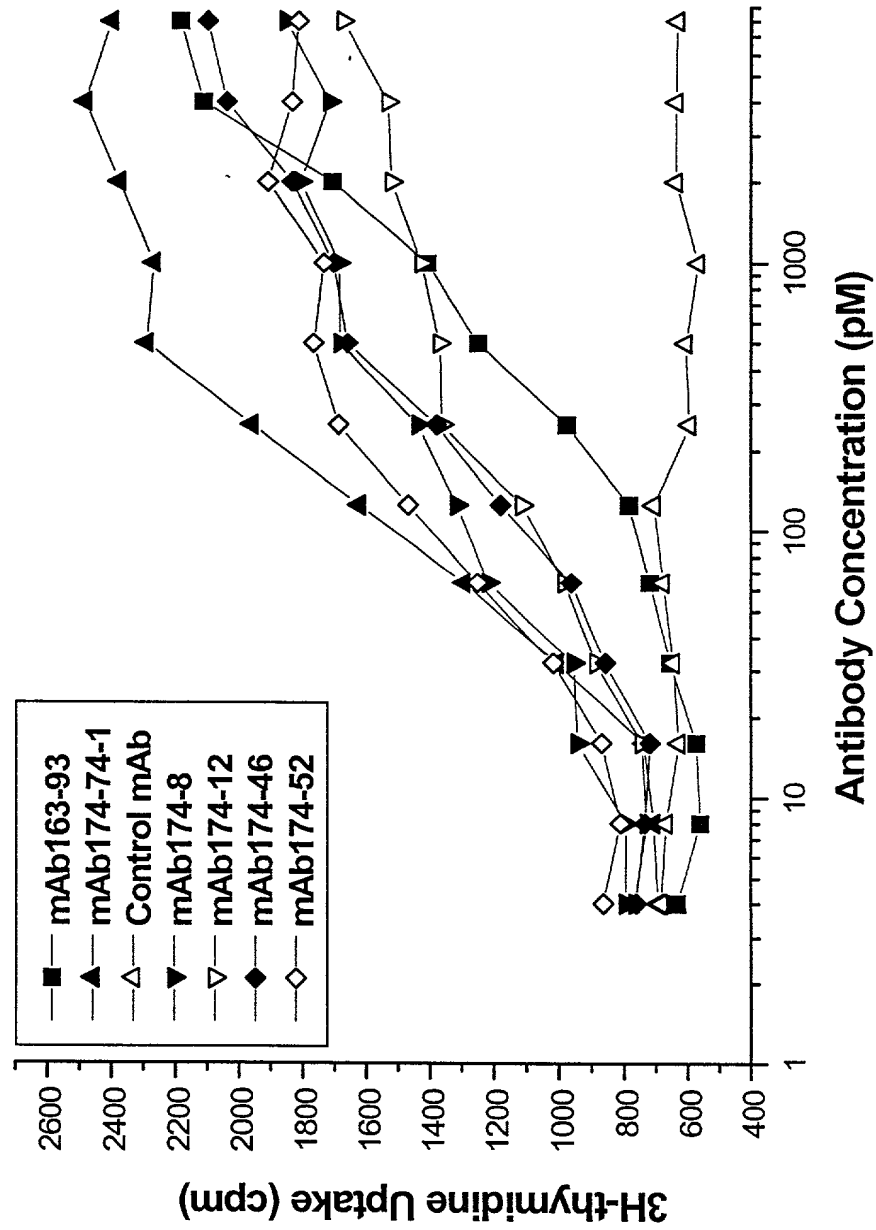


FIG. 5C Proliferation of the human G-CSF receptor transfected mouse cells D4
is stimulated by various monoclonal agonist antibodies
as measured by ^3H -Thymidine incorporation assay



**FIG. 6A Tyrosine phosphorylation of JAK2 kinase
in the human G-CSF receptor transfected mouse cells D4
is stimulated by the agonist antibody mAb163-93**

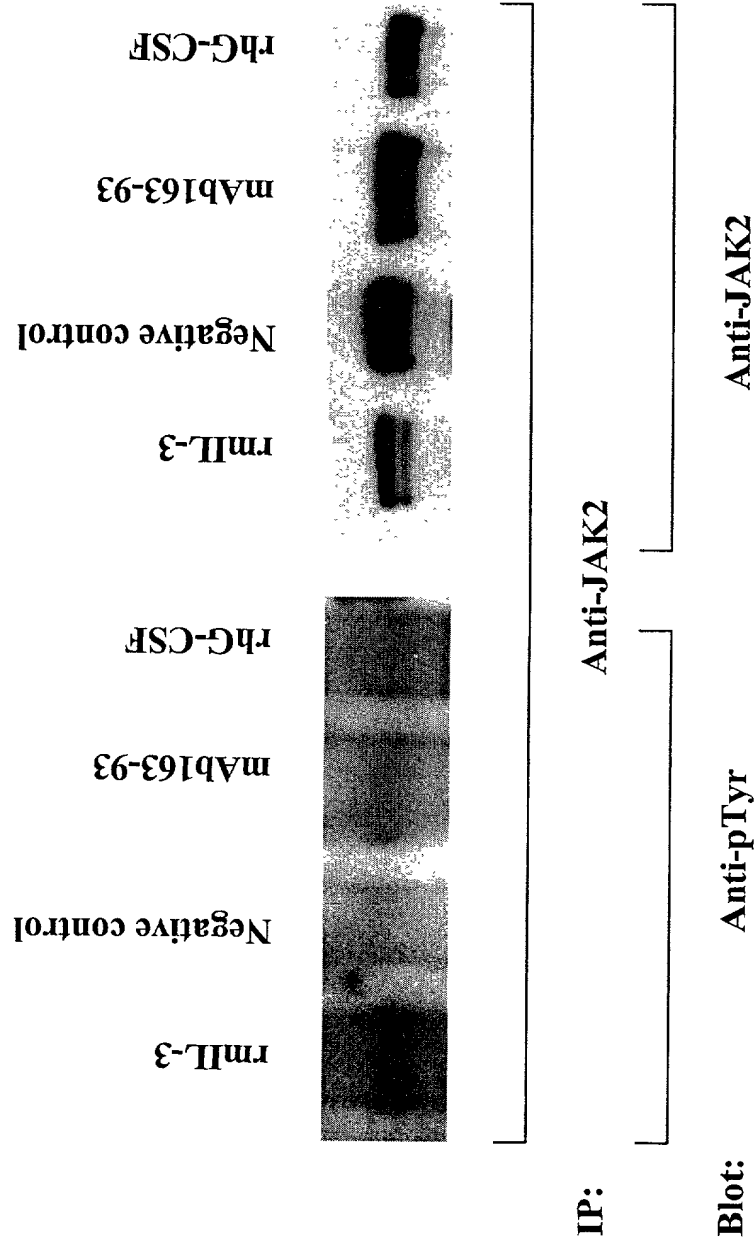


FIG. 6B Tyrosine phosphorylation of Stat3
in the human G-CSF receptor transfected mouse cells D4
is stimulated by the agonist antibody mAb163-93

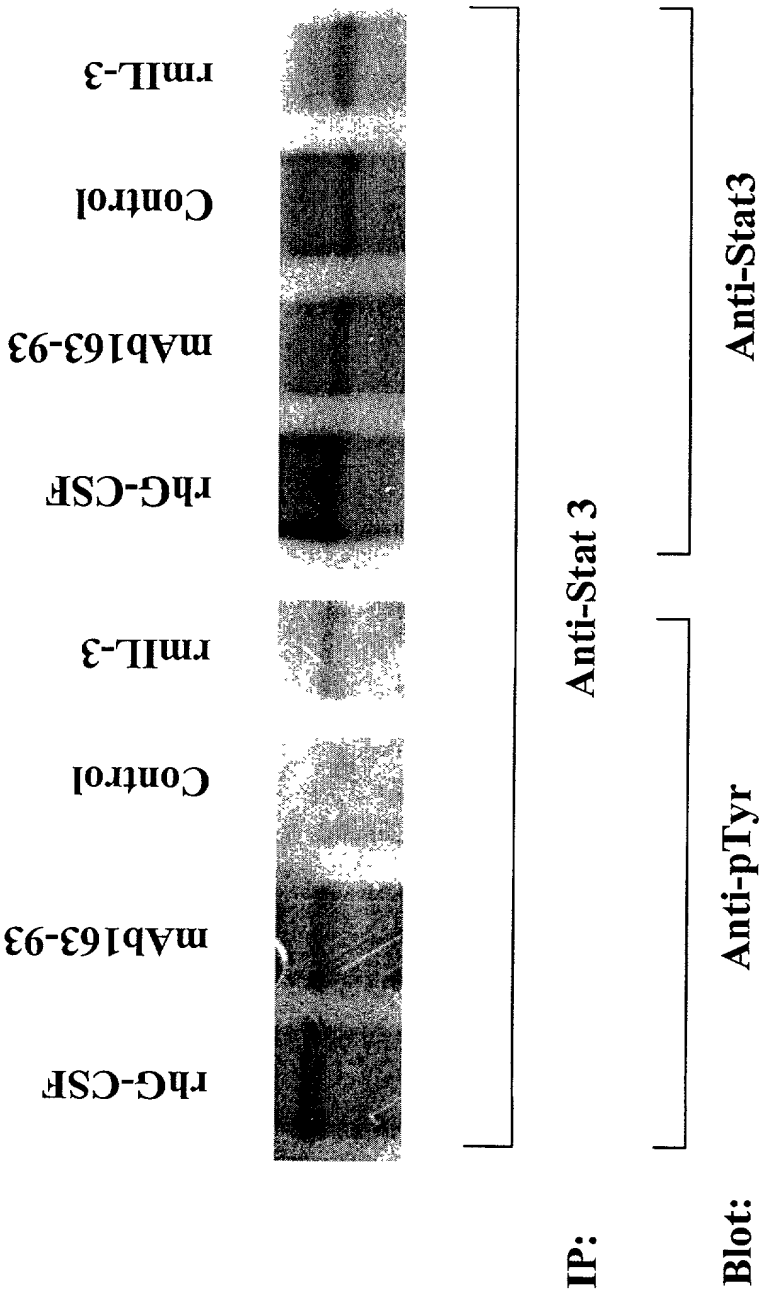
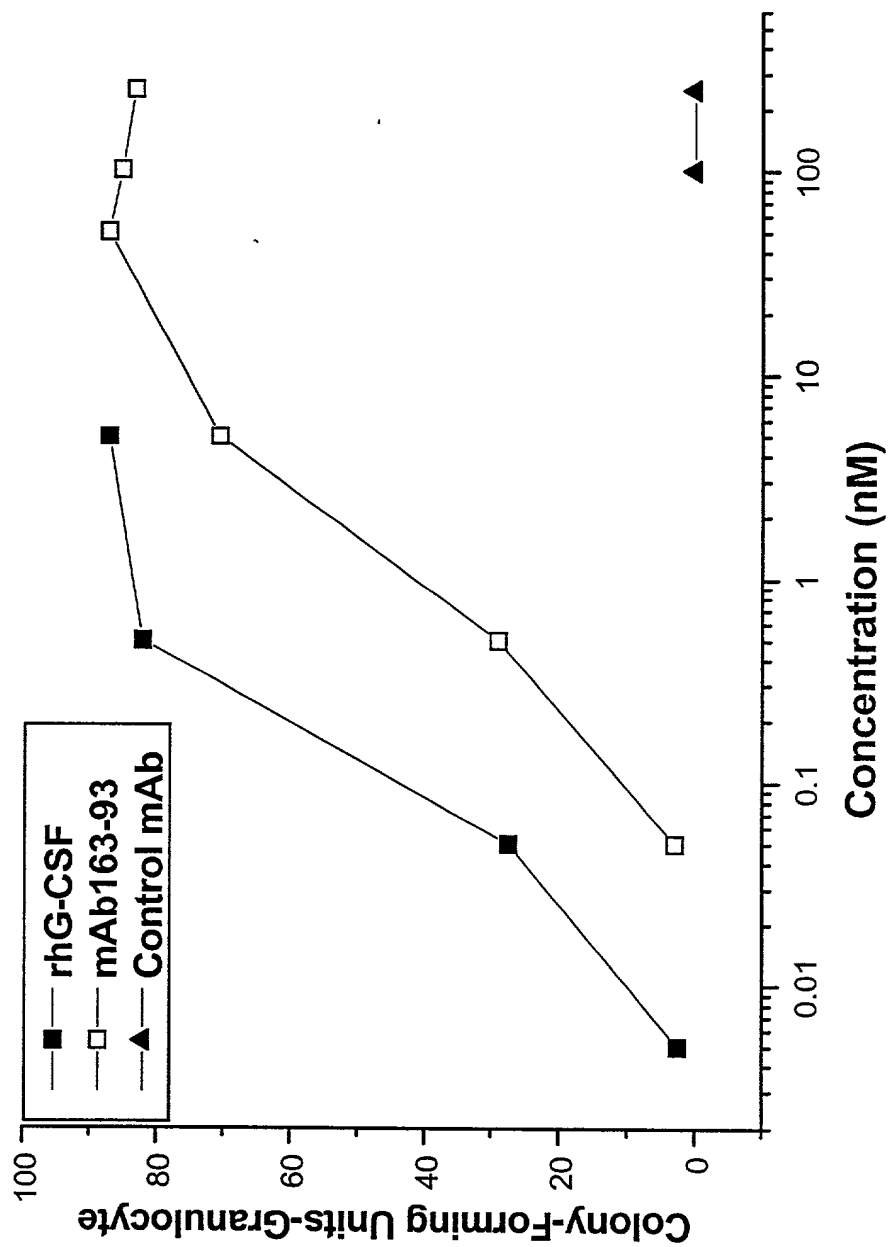


FIG. 7A Dose-dependent neutrophilic granulocyte colony formation from human bone marrow stimulated by rhG-CSF and mAb163-93



**FIG. 7B Dose-dependent neutrophilic granulocyte colony formation
from human bone marrow stimulated by other antibodies**

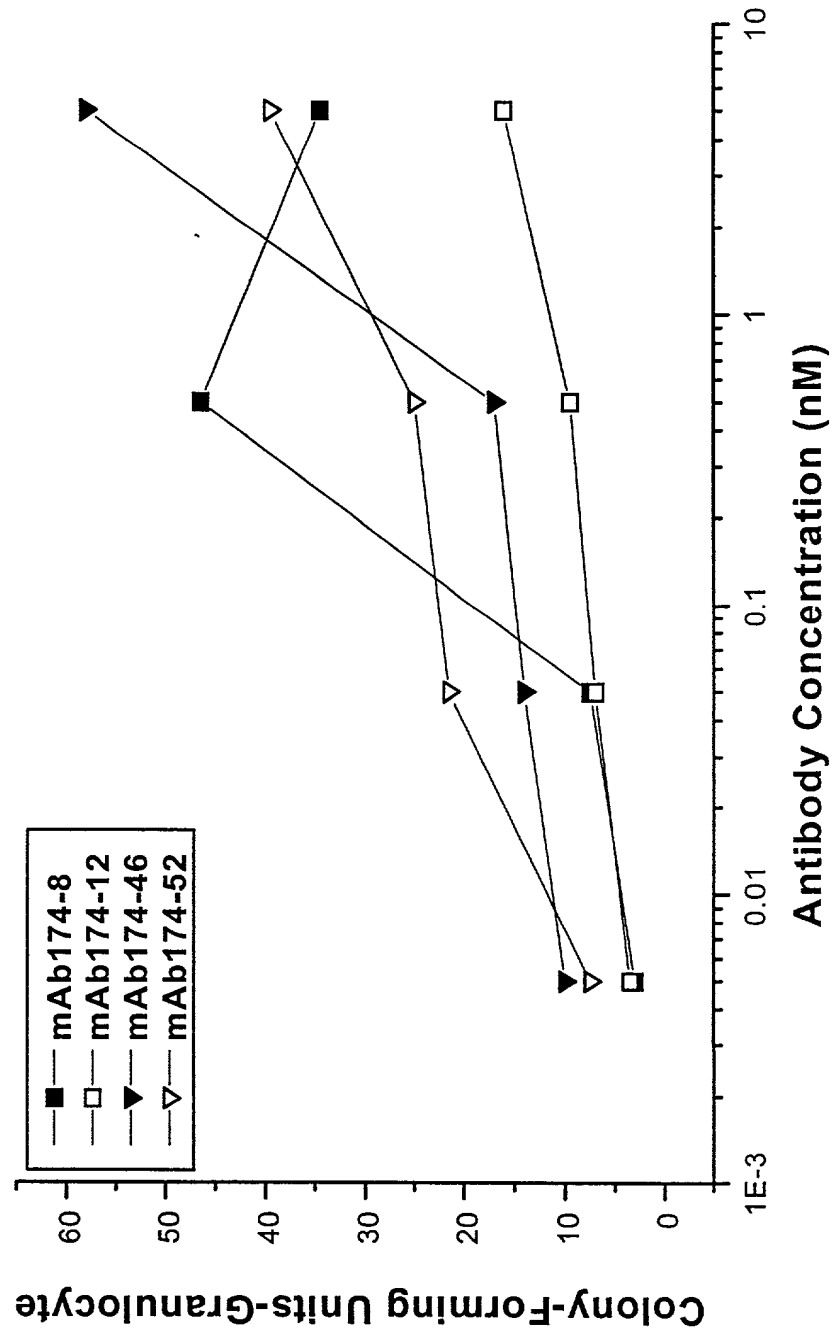


FIG. 8A Isotype-matched control mAb **FIG. 8B rhG-CSF**

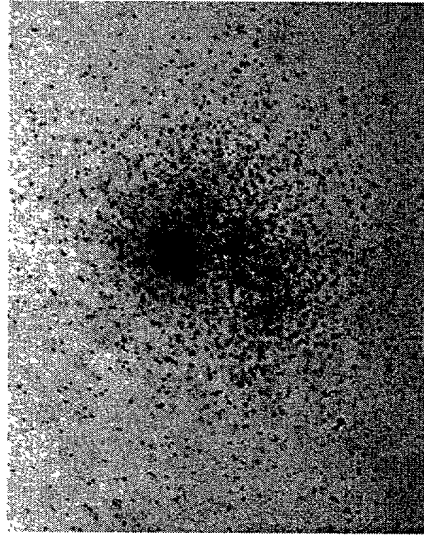
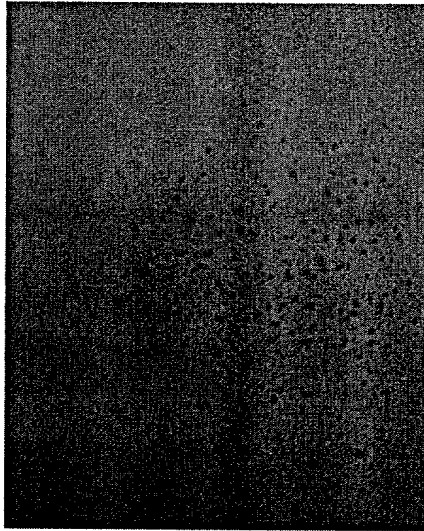


FIG. 8C mAb163-93

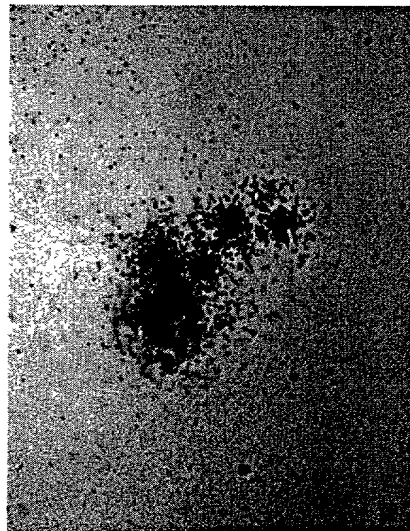


FIG. 8D Cell staining

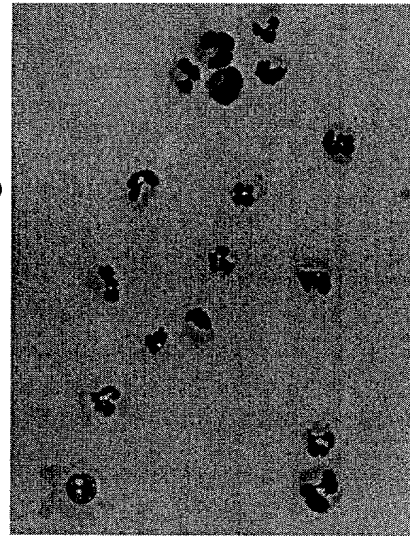


FIG. 9 Dose-dependent neutrophilic granulocyte colony formation from chimpanzee bone marrow stimulated by mAb163-93 and rhG-CSF

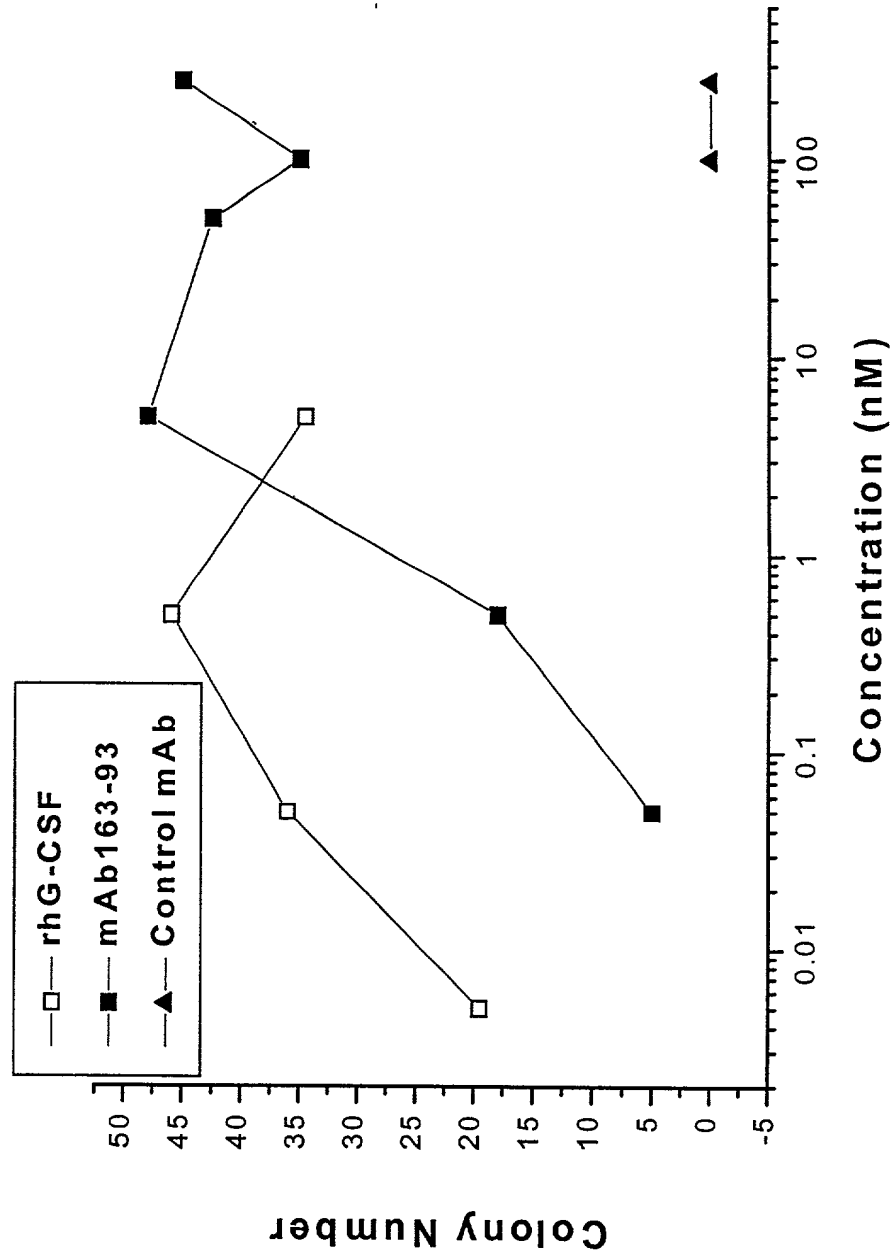


FIG. 10A Isotype-matched mAb (50nM)

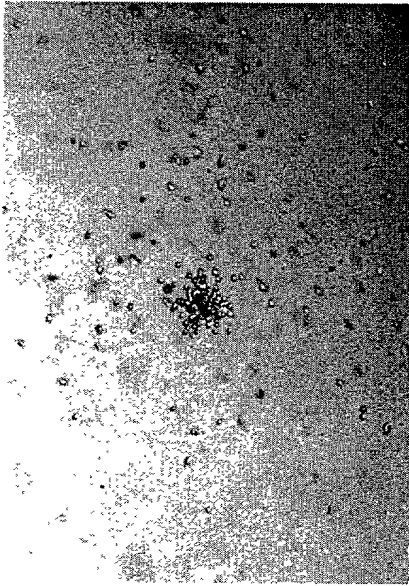


FIG. 10B rhG-CSF (0.5 nM)

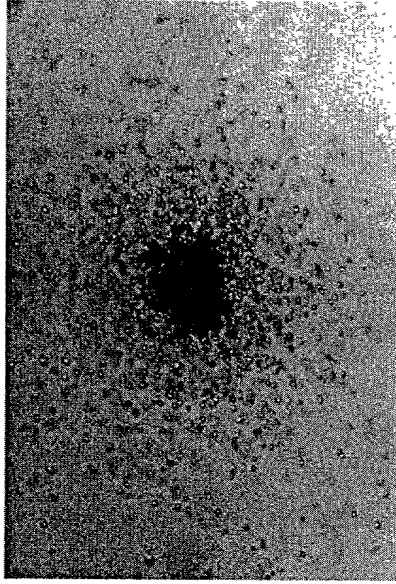


FIG. 10C mAb163-93 (5 nM)

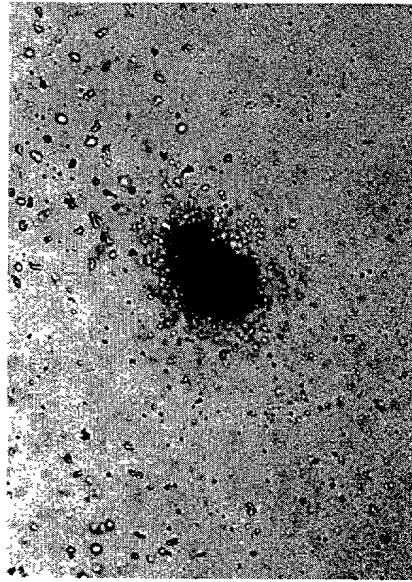


FIG. 10D Cell staining

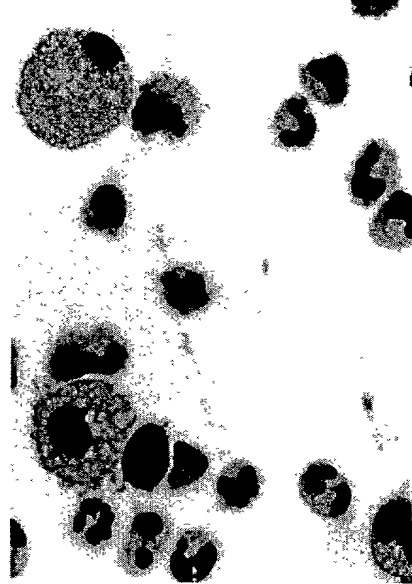


FIG. 11 mAb163-93 stimulates proliferation of NFS60 expressing endogenous mouse G-CSF receptor

